Title (en)

FLOW RATE MEASURING DEVICE AND METHOD FOR IDENTIFICATION OF A GAS APPLIANCE

Title (de)

FLUSSRATENMESSGERÄT UND VERFAHREN ZUR IDENTIFIZIERUNG EINES GASVERBRAUCHSGERÄTS

Title (fr)

DISPOSITIF DE MESURE DE DÉBIT ET PROCÉDÉ D'IDENTIFICATION D'UN APPAREIL À GAZ

Publication

EP 2093545 B1 20201118 (EN)

Application

EP 07850326 A 20071210

Priority

- JP 2007073752 W 20071210
- JP 2006332988 A 20061211

Abstract (en)

[origin: EP2093545A1] A flow rate measuring device has a flow rate measurement unit, an appliance registering unit, a calculating unit, a determining unit, a first appliance identifying unit, and a second appliance identifying unit. The appliance registering unit stores at least first gas flow rate variation profiles on activation of respective gas appliances coupled to a flow channel, and second gas flow rate variation profiles based on the control specific to the respective gas appliances. The first appliance identifying unit identifies which gas appliance is activated based on the first gas flow rate variation profiles on activation. When a determining unit detects a stop of any of gas appliances, the second appliance identifying unit identifies a gas appliance in continuous use by using the second gas flow rate variation profiles based on the control specific to the respective gas appliances.

IPC 8 full level

G01F 3/22 (2006.01); **G01F 1/66** (2006.01); **G01F 15/075** (2006.01)

CPC (source: EP US)

G01F 1/66 (2013.01 - EP US); **G01F 15/0755** (2013.01 - EP US); Y10T 137/8593 (2015.04 - EP US)

Cited by

EP2770256A4; EP2781892A4; US11473957B2; US9835265B2; US10503181B2; US9657946B2; US10746406B2; US9683674B2; US10215291B2; US10697815B2; US9851103B2; US10851993B2; US9645584B2; US10203049B2; US10422531B2; US11421875B2; US9846440B2; US10564062B2; US9995486B2; US10024439B2; US10697632B2; US9841122B2; US11073281B2

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DOCDB simple family (application)

EP 07850326 A 20071210; CN 200780039397 A 20071210; JP 2006332988 A 20061211; JP 2007073752 W 20071210; US 47740709 A 20090603